Index of Claims

Rejected

Allowed

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 09/438,516      | ROBERTS ET AL. |
| Examiner        | Art Unit       |

2667

Prenell P Jones

(Through numeral)

Cancelled

Restricted

N Non-Elected A Appeal
I Interference O Objected

|          |          |          | _            |          |          |                                                  | ı        |                 |           |          |               |          |          |           |          |          | L        |          |          |              |     |                        |            |                 |          |               |          |          |          | _        |          |   |
|----------|----------|----------|--------------|----------|----------|--------------------------------------------------|----------|-----------------|-----------|----------|---------------|----------|----------|-----------|----------|----------|----------|----------|----------|--------------|-----|------------------------|------------|-----------------|----------|---------------|----------|----------|----------|----------|----------|---|
| Cla      | im       | t        |              |          | 1        | Date                                             | _        |                 |           | $\neg$   | Claim Date    |          |          |           |          |          |          |          |          |              | 1   | Cli                    | aim        | Date            |          |               |          |          |          |          |          |   |
|          |          | Ó        |              |          | _        |                                                  | Ī        |                 |           | $\dashv$ | - <del></del> |          |          |           |          | ٦Ť       |          | <u>,</u> | - 1      | $\neg$       | 1   |                        |            | т               | Т        | $\neg$        | Ť        |          | Í        | Т        |          |   |
| Final    | Original | 7/12     | 1,           |          |          |                                                  |          |                 |           |          | Final         | Original |          |           |          |          |          |          |          |              |     | Final                  | Original   |                 |          |               |          |          |          |          |          | i |
|          | ŏ        | ~        | /            |          |          |                                                  |          |                 |           | _        |               |          |          |           |          |          |          |          |          |              |     |                        |            |                 | _        | ightharpoonup |          |          |          | _        |          |   |
|          | 1        |          |              |          |          | _                                                | _        | <u> </u>        |           | _        | <u> </u>      | 51       |          |           |          | _        | _        | _        | _        |              | 4   |                        | 101        | _               | 4        | $\dashv$      |          |          | $\dashv$ | $\dashv$ |          |   |
|          | 2        | 1        | $oxed{\Box}$ |          |          | <u> </u>                                         | _        | L               |           | _        |               | 52       | _        | _         | $\Box$   |          |          | _        | 4        |              | 4   |                        | 102        | $\perp$         | +        | $\dashv$      | _        |          | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 2        | 3        | +        | $\vdash$     | -        |          | <u> </u>                                         |          | _               | Н         |          | -             | 53       | H        | -         |          |          | -        | $\dashv$ | -        |              |     |                        | 103        |                 | +        | $\dashv$      | _        | _        | _        | $\dashv$ | $\dashv$ | _ |
| 3        | 4        | 4        |              |          |          | L                                                |          | L               | Ш         | -        | <u> </u>      | 54       |          |           | -        | _        | _        | _        | 4        |              |     |                        | 104        | $\dashv$        | +        | $\dashv$      |          | _        | -        |          | $\dashv$ |   |
| 4        | 5        | +        |              |          |          | _                                                |          |                 |           | _        |               | 55       |          | -         | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ |              | ┨   | ļi                     | 105        | $\vdash$        | +        | $\dashv$      | _        |          |          | $\dashv$ | $\dashv$ | _ |
| 151      | 6        | +        | L.           |          |          | L                                                |          |                 | $\square$ |          | ļ             | 56       |          | $\vdash$  |          | $\dashv$ | _        | 4        | 4        | _            | -   |                        | 106        | $\vdash$        | +        |               | _        | _        | -        | 4        |          |   |
| 1        | 7        | +        | Н            | -        | _        | $\vdash$                                         |          | $\vdash$        | Щ         |          | -             | 57       | $\vdash$ | -         | -        | $\dashv$ | $\dashv$ | -        | -        |              | 1   | <u> </u>               | 107        | $\dashv$        | -        | $\dashv$      | -        |          |          |          | $\dashv$ |   |
| 1        | 8        | +        | Н            | -        |          | $\vdash$                                         | _        |                 | $\dashv$  | -        |               | 58       | $\vdash$ |           |          |          |          |          | +        |              | -   |                        | 108        | $\vdash$        | +        | $\dashv$      | _        |          |          | $\dashv$ | $\dashv$ | _ |
| 1        | 9        | +        |              |          |          | <b>-</b>                                         | -        | _               |           |          | -             | 59       | $\vdash$ |           |          | $\dashv$ | $\dashv$ | -        | +        |              | ┨   | <b></b>                | 109        | $\vdash$        | -+       | -             |          |          | $\dashv$ | -        | $\dashv$ |   |
| 9        | 10       | 1        | Н            | _        |          | $\vdash$                                         |          | $\vdash$        | Н         | $\dashv$ | $\vdash$      | 60       | -        |           |          | -        | $\dashv$ | $\dashv$ | +        | +            | {   | $\vdash$               | 110<br>111 | $\vdash$        | +        | -+            | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 10       | 11       | •        | Н            | $\dashv$ | _        | $\vdash$                                         | $\vdash$ | $\vdash$        | Н         | $\dashv$ | <u> </u>      | 61<br>62 | -        | $\vdash$  | -        |          |          | $\dashv$ | +        | +            | {   | $\vdash \vdash \vdash$ | 111        | $\vdash \vdash$ | +        |               | _        | -        | $\dashv$ | $\dashv$ | $\dashv$ |   |
|          | 12<br>13 | _        | Н            | $\vdash$ | -        | -                                                | <u> </u> | $\vdash$        |           | -        | $\vdash$      | 63       | $\vdash$ |           |          |          | $\dashv$ | $\dashv$ | $\dashv$ | +            | -   | $\vdash \vdash \vdash$ | 113        | +               | +        | $\dashv$      | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |   |
| 1        |          | <u>/</u> | Н            | $\dashv$ |          | $\vdash$                                         | -        | $\vdash$        |           | $\dashv$ | <u> </u>      | 64       | $\vdash$ | -         |          | -        | $\dashv$ | -+       | $\dashv$ | +            | 1   | $\vdash$               | 114        | -               | +        | -+            |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 12       | 14<br>15 | +        | Н            |          |          | -                                                |          | $\vdash$        | $\vdash$  |          | -             | 65       | Н        | H         | $\dashv$ | $\dashv$ |          | $\dashv$ | +        |              |     |                        | 115        | $\dashv$        | +        | $\dashv$      | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 3        |          | +        | Н            | $\vdash$ |          | H                                                | H        | $\vdash$        | Н         | $\dashv$ | -             | 66       | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | -+       | +        | +            | {   | $\vdash$               | 116        | $\vdash$        | $\dashv$ | $\dashv$      | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| R        | 16<br>17 | +        | $\vdash$     | $\dashv$ |          | $\vdash$                                         |          | $\vdash$        | -         | $\dashv$ | -             | 67       | $\vdash$ | $\vdash$  | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ |              | -   |                        | 117        | $\dashv$        | +        | $\dashv$      | $\dashv$ |          | -        | $\dashv$ | $\dashv$ |   |
|          | 18       | +        | -            | $\dashv$ |          |                                                  | -        | <del> </del>    | -         |          |               | 68_      | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |              | -   |                        | 118        | -               | +        | $\dashv$      |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| n<br>N   | 19       | -        | -            | H        |          |                                                  |          |                 | $\vdash$  | -        |               | 69       | -        | _         |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |              | 1   |                        | 119        | $\vdash$        | -+       | $\dashv$      |          | $\dashv$ | -        | -+       | $\dashv$ | _ |
| 141      | 20       | $\dashv$ |              |          |          | $\vdash$                                         |          |                 | Н         | $\dashv$ | -             | 70       | $\vdash$ |           | -        |          |          | $\dashv$ |          |              | ┨   |                        | 120        | $\vdash$        | +        | $\dashv$      | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 18       | 20<br>21 | -        | -            | -        |          | Н                                                | -        | $\vdash$        | $\vdash$  | -        |               | 71       | -        | -         |          |          |          |          | $\dashv$ |              | ┨   | <u> </u>               | 121        | -               | +        | $\dashv$      |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|          | 21       | +        | -            | $\dashv$ | _        |                                                  | _        | $\vdash$        |           | $\dashv$ | -             | 72       | Н        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | <del>-</del> | ┨   | <u> </u>               | 122        | $\vdash$        | +        | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 22<br>21 | 22<br>23 | +        |              | $\vdash$ |          |                                                  |          |                 |           | $\dashv$ | -             | 73       | $\vdash$ | $\vdash$  |          |          |          | $\dashv$ | $\dashv$ |              | 1   | <u> </u>               | 123        | $\vdash$        | +        | $\dashv$      | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        |   |
| 21       | 24       | Н        | -            | $\vdash$ |          |                                                  |          |                 |           | -        | $\vdash$      | 74       | $\vdash$ |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | -+-          | 1   | -                      | 124        | $\vdash$        | +        | $\dashv$      |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| 12       | 25       | +        | $\vdash$     | $\dashv$ | _        | $\vdash$                                         | _        | Н               | $\dashv$  | _        | -             | 75       | $\vdash$ |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +            | ┨   |                        | 125        | $\vdash$        | +        | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| ग्र      | 25<br>26 | +        |              | $\dashv$ |          | $\vdash$                                         | $\vdash$ | Н               | $\dashv$  | $\dashv$ | $\vdash$      | 76       | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +            | 1   |                        | 126        | $\vdash$        | +        | $\dashv$      | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| 3        | 27       | +        |              | $\dashv$ |          |                                                  |          | Н               | $\dashv$  | $\dashv$ | -             | 77       | H        | $\vdash$  | -        | -        | ᅱ        | -+       | -        |              | ┨   |                        | 127        | -+              | ╅        | $\dashv$      | $\dashv$ |          | $\dashv$ | 一        |          |   |
| 26       | 28       | +        |              |          |          |                                                  |          | Н               |           |          | -             | 78       | -        |           | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | ł   |                        | 128        |                 | +        | ┰             | $\dashv$ |          |          |          |          | — |
| 70       | 29       | +        |              | -        | _        | _                                                | _        | Н               | -         |          | -             | 79       |          |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | ┨   |                        | 129        | $\dashv$        | +        | -+            |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | _ |
| 75       | 30       | +        | $\vdash$     | $\dashv$ | _        | -                                                | _        | $\vdash$        |           |          | -             | 80       |          | $\vdash$  | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | ┪   |                        | 130        |                 | +        | 7             | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 25       | 31       | +        |              |          |          |                                                  |          | -               |           |          | 1             | 81       |          |           | _        | 一        | _        | 十        | $\dashv$ | +            | 1   |                        | 131        |                 | +        | -             | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 10       | 32       | -        | Н            |          |          |                                                  | _        |                 |           | -        | -             | 82       | H        | $\exists$ |          | 一        | _        | 寸        | $\dashv$ | +            | 1   |                        | 132        | $\vdash$        | +        | -             | _        |          |          | -        | $\dashv$ | _ |
| 30<br>21 | 33       | ਰੀ       |              |          |          | _                                                |          | Н               | $\dashv$  | -1       | -             | 83       | Н        |           | _        |          |          | -+       | -+       |              | 1   |                        | 133        | $\dashv$        | +        | 十             | $\neg$   | $\dashv$ | $\neg$   | 十        | ┪        |   |
| 74       | 34       | 4        | $\vdash$     | $\dashv$ | _        | <del>                                     </del> | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | $\vdash$      | 84       | $\vdash$ | $\dashv$  | $\dashv$ | ᅱ        |          | $\dashv$ | $\dashv$ | $\dashv$     | 1   | <b></b> -              | 134        | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| $\vdash$ | 35       | $\neg$   | $\vdash$     | $\dashv$ | H        | $\vdash$                                         | Н        | $\vdash \vdash$ | -         | $\dashv$ | <del> </del>  | 85       | $\vdash$ |           | $\dashv$ |          |          | -+       | $\dashv$ | $\dashv$     | 1   |                        | 135        | $\dashv$        | $\dashv$ | $\dashv$      |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| $\vdash$ | 36       | _        | $\vdash$     | -        | $\vdash$ | Н                                                | $\vdash$ | Н               |           | $\dashv$ |               | 86       | Н        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\top$       | 1   |                        | 136        | $\vdash$        | $\dashv$ | 十             | _        | $\neg$   | -        | $\dashv$ | _        | _ |
|          | 37       |          | Н            |          |          |                                                  | Н        | Н               |           | $\dashv$ |               | 87       | Н        |           | -        | _        |          | 7        | +        |              | 1 1 |                        | 137        | $\vdash$        | $\dashv$ | $\dashv$      | $\neg$   |          | $\vdash$ | $\dashv$ | 十        |   |
|          | 38       | _        | $\vdash$     |          |          | -                                                |          | H               |           | $\dashv$ | <u> </u>      | 88       |          |           | $\dashv$ |          | 一        | 7        | +        | -   -        | 1 1 | $\vdash$               | 138        | $\vdash$        | $\dashv$ | 寸             |          |          |          | $\dashv$ | $\dashv$ | _ |
| $\vdash$ | 39       |          | Н            |          |          |                                                  |          | H               | $\dashv$  | $\dashv$ |               | 89       | П        | $\Box$    | $\dashv$ | 一        | 一        | $\dashv$ | $\dashv$ | $\top$       | 1   |                        | 139        | $\vdash$        | 十        | $\dashv$      | $\neg$   | 一        | $\dashv$ | 一        | $\dashv$ | _ |
| $\Box$   | 40       |          | $\vdash$     | _        |          |                                                  | Н        | Н               |           | $\dashv$ |               | 90       | Н        |           | $\dashv$ | _        | $\dashv$ | _        | 十        | $\dashv$     | 1   |                        | 140        | $\vdash$        | $\top$   | $\dashv$      | $\dashv$ |          | $\dashv$ | 一        | $\dashv$ | _ |
|          | 41       |          | $\Box$       |          |          |                                                  |          | П               | $\neg$    | $\neg$   |               | 91       | П        |           | 一        | 寸        | 寸        | _        | $\dashv$ |              | 1   |                        | 141        | $\Box$          | $\top$   | 十             | $\dashv$ |          | $\dashv$ | 十        | ヿ        | _ |
| $\Box$   | 42       | 一        | П            |          |          | Н                                                |          | $\vdash$        |           | $\dashv$ |               | 92       | П        |           | 寸        | _        | $\dashv$ | _        | _        |              | 1   | П                      | 142        | $\Box$          | $\top$   | $\dashv$      | $\dashv$ |          | $\dashv$ | 十        | ヿ        | _ |
|          | 43       |          | П            | $\neg$   |          |                                                  |          | П               |           | $\neg$   |               | 93       | П        |           |          | ヿ        | $\neg$   | $\neg$   | $\dashv$ |              | 1   |                        | 143        |                 | $\dashv$ | $\dashv$      | $\neg$   | $\neg$   | ヿ        | ヿ        | ヿ        |   |
|          | 44       |          |              |          |          |                                                  |          |                 |           | _        |               | 94       |          |           |          |          |          | $\neg$   | $\neg$   |              | 1   |                        | 144        |                 | $\neg$   | 寸             | $\neg$   |          | $\Box$   | 寸        | ヿ        | _ |
|          | 45       |          |              | $\neg$   |          |                                                  |          | П               |           | $\neg$   |               | 95       | П        | $\neg$    |          | 寸        | 一        | ┪        | $\neg$   |              | 1   | П                      | 145        |                 | ┪        | 寸             | $\neg$   | $\neg$   | $\neg$   | $\neg$   | ヿ        | _ |
|          | 46       |          |              | ╗        |          |                                                  |          |                 |           | $\neg$   |               | 96       | П        | $\neg$    | $\neg$   |          | コ        | づ        | $\dashv$ |              | 1   |                        | 146        | $\neg$          | ┪        | 寸             | . 🗆      | ヿ        | 寸        | $\dashv$ | 寸        | _ |
|          | 47       | $\neg$   |              |          |          |                                                  |          | П               |           | $\neg$   |               | 97       |          | $\neg$    | 一        | ヿ        |          | 寸        | $\top$   |              | 1   |                        | 147        |                 | $\top$   | ヿ             | $\neg$   |          | $\neg$   | $\top$   | ヿ        | _ |
|          | 48       |          |              | 一        |          |                                                  |          |                 |           | ヿ        |               | 98       |          |           | $\neg$   |          |          | 1        | $\dashv$ | $\neg$       | 1   | $\Box$                 | 148        | $\dashv$        | $\top$   | 寸             |          | $\neg$   | 一        | $\dashv$ | $\dashv$ |   |
|          | 49       |          |              |          |          |                                                  |          | .               |           | $\neg$   |               | 99       |          | $\neg$    |          |          |          | 寸        | $\neg$   |              | ]   |                        | 149        |                 | $\top$   | $\neg$        |          | $\neg$   |          | $\dashv$ | 寸        |   |
|          | 50       |          |              | $\neg$   |          |                                                  |          | П               | ヿ         | $\neg$   |               | 100      |          | $\neg$    | 一        | ╗        |          | _        |          |              | 1   |                        | 150        |                 | ┰        | $\exists$     |          |          |          | $\neg$   | 7        | _ |